ISO 14001 Environmental Management Systems

Office of the Deputy Under Secretary Of Defense (Environmental Security)

Overview

- DoD Decision Making Process
- Interim Policy
- ISO 14001 Pilot Study
- Broader Benefits
- Lockheed Martin Lessons Learned
- Summary

Decision Making Criteria Will ISO 14001 ...

- **Lower Net Costs?**
  - **Improve Compliance and Therefore Reduce Costs**
  - **Improve Budget/Resource Planning and Efficiency**
- **Improve Environmental Stewardship?**
- **Increase Integration of Environmental, Safety and Health Risk Reduction Into All Operations/Activities?**
- **Enhance Relations with Regulators?**
- **Change Environmental Management Culture From Being Reactive/ad hoc to a Performance Based Focus?**
- **Fit With Existing DoD Organization & Mission?**
  - **Chain of Command**
  - **Complicated Acquisition Process**
  - **Military Unique Requirements, Processes**

Interim Policy June 1997

- **No Funding Of:**
  - **3rd Party Certification From Appropriated Funds**
  - **DoD Organizations to Become 3rd Party Certifiers**
- **Called For the Establishment of a Pilot Program**
- **Communication, Communication, Communication**
  - **DUSD(ES) Staff and DoD Component Designees Will Represent DoD at Official ISO 14000 Bodies**
  - **DoD Components Should Communicate All ISO 14000-Related Activities Through Chain of Command to ODUSD(ES)**
  - **Establish An ISO 14000 Area on DENIX**

DoD ISO 14001 Pilot Study September 1997

- Installations Participate in 2 Year DoD Pilot Program
- Evaluate Answers to a Mix of Quantitative and Self-Assessment Questions
- Quantitative Questions:
  - Funding Levels
  - Regulatory Findings
  - # of Permits
  - TRI Data
  - Energy Consumption

Pilot Study (cont)

- **Self-Assessment Questions On:**
  - **How the Installation's Current Environmental Management Program Works**
  - **Why the Installation Wants to Implement ISO 14001**
  - **What Benefits Are Anticipated**
  - **Self-Developed Environmental Metrics/Performance Indicators**
- **Self-Selected Operational or Mission Performance Metrics**
- **Every 6 Months:**
  - **Update Answers to the Baseline Questions Based on Implementation to Date**
  - **Measure the Costs of Implementation Every Six Months**

ISO 14001
Pilot Study Installations

- **Army**
  - **United States Military Academy, NY**
  - **Tobyhanna Army Depot, PA**
  - **Letterkenny Army Depot, PA**
  - **Fort Bliss, TX**
  - **Radford Army Ammunition Plant, VA**
  - **Fort Lewis, WA**
- **Navy: Whidbey Island Naval Air Station WA**
- **Marine Corps: Camp LeJeune, NC**
- **Air Force**
  - **Robins AFB, GA**
  - **Sheppard AFB, TX**
  - **Eglin AFB, FL**

Anticipated Benefits From the Pilot Sites

- **Standardization**
- **Structure**
- **Improved Identification and Correction of Negative Environmental Impacts**
- **Improved Integration of Environmental Activities**
- **Improved Compliance Posture**
- **Improved Relations with Regulators**

Anticipated Benefits (Cont.)

- Improved Competitiveness
- Increased Awareness and Diligence by All Personnel
- Better Planning and Fostering of Innovation
- Reduced Costs
- Improved Public Perception

Broader Benefits

- New Approach/Alternative Regulatory Scheme
- Take Control (Not Reactive)
- Setting Performance Measures That Make a Difference
- Efficiency
- Savings
- Avoiding Liabilities and Embarrassment
- Changing the Culture
- Learning How to Innovate

Lessons Learned from Lockheed Martin

- **Develop EMS With In-House Expertise**
- **Integration of Environment, Safety, and Health**
- **Reduced Audits**
- **Better Risk Reduction**
- **Improved relations with DEQ**
- **Quality of Life**

Summary

- **ISO 14001 Has Many Potential Benefits and Can Improve on DoD's Already Strong Environmental Program**
- **Pilot Study Will Help Us Determine Whether the Added Benefit is Worth the Associated Cost**
- **If Benefits Are Worth the Cost, Pilot Study Will Help DoD Make Decision on Whether To:**
  - **Mandate ISO 14001**
  - **Encourage ISO 14001**
  - **Leave As Option Where Benefits Make Sense**

More Information

- **DoD's Environmental Network Information Exchange (DENIX) at the following url: http://www.denix.osd.mil/ has lots of info on our program**
- **Contact me at:**

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